

**Bonneville Power Administration
Fish and Wildlife Program FY99 Proposal Form**

Section 1. General administrative information

Securing Wildlife Mitigation Sites-Oregon, South Fork Crooked River

Bonneville project number, if an ongoing project 9705913

Business name of agency, institution or organization requesting funding
Oregon Department of Fish and Wildlife

Business acronym (if appropriate) ODFW

Proposal contact person or principal investigator:

Name	<u>Gregory B. Sieglitz</u>
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Email address	<u>greg.b.sieglitz</u>

Subcontractors. List one subcontractor per row; to add more rows, press Alt-Insert from within this table

Organization	Mailing Address	City, ST Zip	Contact Name
The Nature Conservancy	821 SE 14th Ave.	Portland, OR 97214	Russ Pinto
Confederated Tribes of the Warm Springs in Oregon	P.O. Box C	Warm Springs, OR 97761	Terry Luther
Bureau of Land Management	185 E 4th St., PO Box 550	Prineville, OR 97754	District Staff
Oregon Natural Heritage Program	821 SE 14th Ave.	Portland, OR 97214	Jimmy Kagan

NPPC Program Measure Number(s) which this project addresses.

7.1, 7.6.A, 7.6.B, 7.6.C, 7.7, 7.8, 11.3.A, 11.3.D

NMFS Biological Opinion Number(s) which this project addresses.

Other planning document references.

If the project type is “Watershed” (see Section 2), reference any demonstrable support from affected agencies, tribes, local watershed groups, and public and/or private landowners, and cite available documentation.

See references and related projects sections.

Subbasin.

Upper Columbia-Deschutes River watershed

Short description.

Enhance 2000 acres of alkaline wetland, Great Basin wildrye grassland, salt desert scrub, and riparian wetland habitat along the South Fork of the Crooked River

Section 2. Key words

Mark	Programmatic Categories	Mark	Activities	Mark	Project Types
	Anadromous fish		Construction	+	Watershed
+	Resident fish	+	O & M	+	Biodiversity/genetics
X	Wildlife		Production		Population dynamics
	Oceans/estuaries		Research	+	Ecosystems
	Climate	+	Monitoring/eval.		Flow/survival
	Other	+	Resource mgmt		Fish disease
			Planning/admin.		Supplementation
			Enforcement	+	Wildlife habitat en-
		X	Acquisitions		hancement/restoration

Other keywords.

Riparian, habitat improvement, and restoration

Section 3. Relationships to other Bonneville projects

Project #	Project title/description	Nature of relationship
9705900	Securing Wildlife Mitigation Sites-Oregon	Umbrella project, Provides project location, priority, and data tracking information (Planning/Implementation)
95-65	Assessing Oregon Trust Agreement Using GAP Analysis	Tool used to analyze and rank potential projects in the basin for implementation(Planning)

92-84	Oregon Trust Agreement Planning Project	Methods developed for assembling trust agreement and list of potential projects(Planning)
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Section 4. Objectives, tasks and schedules

Objectives and tasks

Obj 1,2,3	Objective	Task a,b,c	Task
1	Determine best methods of restoring riparian wetlands, grassland, and salt desert scrub habitats along the South Fork Crooked River	a	Develop restoration plan
		b	Develop operations and maintenance plan
		c	Develop monitoring plan
2	Restore habitat features through enhancement measures	a	Restore habitat features to riparian wetland, grassland, and salt desert scrub habitat areas of the property
3	Implement monitoring and operations and maintenance on property	a	Monitor the maintenance and improvement of wildlife habitat features

Objective schedules and costs

Objective #	Start Date mm/yyyy	End Date mm/yyyy	Cost %
1	10/98	3/99	10
2	4/99	5/00	85
3	10/00	ongoing	5

Schedule constraints.

Delayed and inadequate funding to implement projects within the scheduled time periods

Severe weather conditions which could delay field activities

Unexpected difficulties with the negotiation efforts with landowners

Completion date.

Enhancement-FY 00, O&M-ongoing. Once the mitigation losses associated with the hydro-electric facilities have been fully mitigated for through the acquisition and enhancement of habitats the program will only require O&M funds to ensure habitat values as long as the hydro projects are in operation FWP

Section 5. Budget

FY99 budget by line item

Item	Note	FY99
Personnel		
Fringe benefits		
Supplies, materials, non-expendable property		
Operations & maintenance		
Capital acquisitions or improvements (e.g. land, buildings, major equip.)	Habitat enhancement	20,000
PIT tags	# of tags:	
Travel		
Indirect costs		
Subcontracts		
Other		
TOTAL		20,000

Outyear costs

Outyear costs	FY2000	FY01	FY02	FY03
Total budget	1,000	1,000	1,000	1,000
O&M as % of total	100	100	100	100

Section 6. Abstract

This project is one of many which are considered ongoing acquisition and enhancement activities funded through the Securing Wildlife Mitigation Sites - Oregon 9705900 project. The project description fully explains the history, scientific background, and methods used for all projects which fall under the umbrella project. This abstract describes the details of this site specific project.

During the FY 1998 project period, the potential enhancement property is being considered as a candidate for a conservation easement. If an easement is not determined to be desirable or possible a cooperative management plan is very likely. Enhancement activities would begin once the management goals and objectives are fully developed in a management plan. The enhancement will restore approximately 2000 acres of alkaline wetlands, shrub-steppe, grassland, riparian wetland and salt desert scrub habitat on the South Fork Crooked River in Oregon. Some of the most threatened vegetation species on site and in the ecoregion includes black greasewood and Great Basin wildrye grass. The restoration of this property will entail the removal and/or management of the grazing which is presently altering the wetland and scrub habitats on the site. A cost/benefit analysis of fencing and providing alternative water sources will be conducted. The

habitat types found on this piece of property are remnants of what were once occurrences throughout the Columbia Basin (formerly Columbia Plateau) and High Lava Plains ecoregions (formerly Columbia Plateau). Like most habitats historically common in the ecoregion those listed above have been lost to development of hydro-electric facilities and the resultant agricultural developments. The adjacent lands surrounding the ranch is owned and managed by the Bureau of Land Management Prineville District. The federal land has been designated as Wilderness Study Areas (WSAs). The adjacent WSAs are the two largest of such sites found in central Oregon. Management plans for the enhanced lands will be developed in concert with the federal properties in an attempt at providing a well managed large contiguous tract of native habitat. Partnerships will occur with the Bureau of Land Management, private landowner, Confederated Tribes of Warm Springs in Oregon, and The Nature Conservancy. Mitigation target species include waterfowl, shorebirds, mule deer, sage grouse, and western meadowlark. Other species of interest include western burrowing owl, ferruginous hawk, and Swainson's hawk. Expected HEP mitigation gains through the two projects are from 800-1000 HUs to be applied to BPA's habitat debt at The Dalles reservoir.

Section 7. Project description

- a. Technical and/or scientific background.**
- b. Proposal objectives.**
- c. Rationale and significance to Regional Programs.**
- d. Project history**
- e. Methods.**
- f. Facilities and equipment.**

No new facilities are anticipated to be necessary at this time. Existing facilities of the project implementers and cooperators will be used to minimize cost and increase efficiency. Existing equipment will also be used to the maximum extent practical. This includes vehicles, farm equipment, and computers.

g. References.

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BPA. 1993. Oregon Trust Agreement Planning Project: Potential Mitigation to the Impacts on Oregon Wildlife Resources Associated with Relevant Mainstem Columbia River and Willamette River Hydroelectric Projects. Bonneville Power Administration, U.S. Department of Energy, Portland, OR. DOE/BP-90299-1. 53pp plus Appendices.

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BPA 1997b. Wildlife Mitigation Program Final Environmental Impact Statement. DOE/EIS - 0246. Portland, OR

BPA 1997c. Wildlife Mitigation Program Record of Decision. DOE/EIS - 0246. Bonneville Power Administration, Portland, OR

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Noyes, J.H., M.S. Potter and K.L. Bedrossian. 1985c. Wildlife and Wildlife Habitat Loss Assessment at Hills Creek Dam and Reservoir Project Middle Fork Willamette River, Oregon. Prepared by Oregon Department of Fish and Wildlife for U.S. Department of Energy, Bonneville Power Administration, Portland, OR. 73pp.

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Oregon. Prepared by Oregon Department of Fish and Wildlife for U.S. Department of Energy, Bonneville Power Administration, Portland, OR. 71pp.

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Scott, M.J. 1994. Preface. National Biological Survey Gap Analysis Program Handbook, University of Idaho, Moscow, ID., 3pp.

USDA 1996. Status of the interior Columbia basin: summary of scientific finding. General Technical Report PNW-GTR-385. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station, Portland, OR

Section 8. Relationships to other projects

The Oregon Trust Agreement Planning Project 92-84, Assessing Oregon Trust Agreement Using GAP Analysis 95-65, and Securing Wildlife Mitigation Sites-Oregon 9705900 are the pre-planning and planning projects upon which the identification and selection of mitigation projects in the Willamette basin and other Columbia tributary basin are based.

Section 9. Key personnel

Susan Barnes, ODFW, Columbia Basin Mitigation Coordinator, Portland, Oregon
Resume available upon request.

Brian Ferry, ODFW, District Wildlife Biologist, Prineville, Oregon
Resume available upon request.

Jimmy Kagan, Oregon Natural Heritage Program, Director, Portland, Oregon
Resume available upon request.

Section 10. Information/technology transfer

Multiple reports and written documents will also be developed and distributed via BPA and the Internet. New techniques for restoration of the habitat types and vegetation communities are likely outcomes of this project which will be shared with interested parties.